

1-41. (CANCELED)

42. (CURRENTLY AMENDED) ~~The device as claimed in claim 39, wherein~~ A device for raising or cultivating cells in a container-like receptacle (1), the device comprising:

~~the receptacle (1) has a cylindrical middle part of the device being closed off at both ends a top by~~ the upper lid (3) and ~~the lower lid (12) which forms~~ a base of the receptacle (1),

~~wherein the upper lid (3) and the lower lid (12) are connected to the middle part in a pressure-tight manner and the upper lid (3) and the lower lid (12) are each provided with at least one inlet bore (8) for one of an introduction and a withdrawal of culture medium and oxygen.~~

~~the upper and the lower lids (3, 12) and the middle part are connected to one another by mating internal and external threaded connections (2, 4), and each threaded connection is provided with at least one sealing ring.~~

43-48. (CANCELED)

49. (CURRENTLY AMENDED) ~~The device as claimed in claim~~ [[39]] 42, ~~wherein the receptacle (1) is designed as a cylindrical middle part, both ends of the middle part being closed off respectively by the upper lid (3) and the lower lid (12); both lids (3, 12) being are each provided in each case with an extension ring (14); which extension rings (14) at least partially enclose~~ enclosing the cylindrical middle part sealingly from the outside.

50. (PREVIOUSLY PRESENTED) The device as claimed in claim 49, wherein the extension rings (14) each seal off the middle part from the outside via a clamp connection.

51. (PREVIOUSLY PRESENTED) The device as claimed in claim 49, wherein the extension rings (14) each seal off the middle part from the outside via a threaded connection.

52. (CURRENTLY AMENDED) ~~The device as claimed in claim 39, wherein the receptacle (1) and the~~ A device for raising or cultivating cells in a container-like receptacle (1) which comprises:

a base; and

at least an upper lid (3).

wherein the at least one upper lid (3) is connected to the receptacle (1) in a pressure-tight manner, and the receptacle (1) or the upper lid (3) is provided with at least one inlet bore (8) for one of the introduction and withdrawal of culture medium and oxygen, and

provided on both sides with a tensioning ring (15) for introducing rolling or turning movements for the receptacle (1) and the at least one upper lid (3)

at least one resilient lateral tensioning ring (15) encircles at least the receptacle (1) and the upper lid (3) to retain the upper lid (3) in sealing engagement with the receptacle (1) when the receptacle (1) is rotated about a transverse axis.

53. (CURRENTLY AMENDED) The device as claimed in claim [[39]] 67, wherein [[a]] the pressurizing means (17) for the receptacle (1) is connected to the inlet bore (8) is formed of expandable elements (28).

54. (CURRENTLY AMENDED) The device as claimed in claim [[53]] 67, wherein the pressurizing means (17) is designed as a cylinder/piston unit.

55. (CANCELED)

56. (CURRENTLY AMENDED) The device as claimed in claim [[53]] 67, wherein the pressurizing means (17) can subject [[the]] an interior of the receptacle (1) with the cells (7) to alternating pressure loads.

57-62. (CANCELED)

63. (CURRENTLY AMENDED) ~~The device as claimed in claim 39, wherein~~ A device for raising or cultivating cells in a container-like receptacle (1) which comprises

a base; and

at least one lid,

wherein the at least one lid (3) is connected to the receptacle (1) in a pressure-tight manner, and the receptacle (1) or the at least one lid (3) is provided with at least one inlet bore (8) for one of the introduction and withdrawal of culture medium and oxygen, and

a magnetizable pressure disk (25) is arranged in the receptacle (1) and ~~[[can be]]~~ ~~is~~ moved by a magnetizing means (24) in order to exert pressure internally on the cells (7).

64. (PREVIOUSLY PRESENTED) The device as claimed in claim 63, wherein the pressure disk (25) is provided with holes (26).

65. (PREVIOUSLY PRESENTED) The device as claimed in claim 63, wherein the pressure disk (25) has a grid or mesh structure.

66. (PREVIOUSLY PRESENTED) The device as claimed in claim 63, wherein the cells (7) are arranged on a support structure (27a) which is acted upon by the pressure disk (25) from one or both sides.

67. (CURRENTLY AMENDED) ~~The device as claimed in claim 39, wherein~~ A device for raising or cultivating cells in a container-like receptacle (1) which comprises  
a base; and  
at least one lid.

wherein the at least one lid (3) is connected to the receptacle (1) in a pressure-tight manner, and the receptacle (1) or the at least one lid (3) is provided with at least one inlet bore (8) for one of the introduction and withdrawal of culture medium and oxygen.

the receptacle (1) is provided with a pressurizing means included within a structure of the receptacle (1) expandable elements (28) for exerting pressure internally on the cells (7).

68. (CURRENTLY AMENDED) The device as claimed in claim ~~[[39]]~~ 67, wherein, ~~for exerting pressure internally, a hydraulic or pneumatic means (30) with the pressurizing means includes~~ a movable film, plate or membrane (31) ~~[[is]]~~ arranged in the receptacle (1).

69-76. (CANCELED)